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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: QIU

Application Serial No.: 10/644,229

Filing Date: August 20, 2003

For: METHODS AND APPARATUS FOR
CHARACTERIZING SUBSCRIBER
LOOP BASED ON ANALYSIS OF
DSL HANDSHAKING SIGNALS
AND FOR OPTIMIZATION OF DSL
OPERATION

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)
) Group Art Unit: 2643

)
) Examiner: Tran, Quoc Duc

)
) **RESPONSE TRANSMITTAL**

)
) Attorney Docket No.: P16581

)
) **PTO Customer Number 28062**
) Buckley, Maschoff & Talwalkar LLC
) Five Elm Street
) New Canaan, CT 06840
)
)
)

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 21, 2005.

Dated: June 21, 2005

By: *Edith Martin*
Edith Martin

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are:

1. ☒ Amendment/Response
2. ☒ Additional Enclosures: Acknowledgement Postcard

FEE CALCULATION

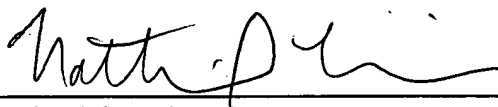
For	Current	Prev. Paid	No. Extra	Rate	Fee
Total Claims	19	- 47	0	\$ 50.00	\$ 0.00
Indep. Claims	5	- 10	0	\$ 200.00	\$ 0.00
Multiple Dependent Claims (add \$300.00 if applicable)					\$ 0.00
No Petition for Extension of Time is Required					\$ 0.00
OTHER FEE (specify purpose):					\$ 0.00
TOTAL FILING FEE					\$ 0.00

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,

June 21, 2005
Date


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) **AMENDMENT and RESPONSE** to April
) 22, 2005 Non-Final Office Action

)
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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Non-Final Office Action mailed April 22, 2005, please amend the above-identified application as follows.

Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 8 of this paper.